

## ABSTRACT

Methods and apparatus are described for time synchronizing a receiver to orthogonal frequency division multiplexing (OFDM) signals in a multiple-input/multiple-output (MIMO) system, the signals being transmitted from multiple transmitters and received at multiple  
5 receivers. The method includes determining the frequency offset and the sampling clock offset of the received signals.

## EXPRESS MAIL CERTIFICATE

Date 2/29/00 Label No. EL4012165794S

I hereby certify that, on the date indicated above I deposited this paper or fee with the U.S. Postal Service and that it was addressed for delivery to Box 7, the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Name (Print) Kevin Lin/awSignature [Signature]